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CONTRACT FILE

12 December 1962

MEMORANDUM FOR: Chief, Production Services Division
THROUGH : Chief, Plans and Development Staff
SUBJECT : DMJM Report on Tank Farm

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1. The undersigned, together with Mr. [REDACTED] visited [REDACTED] for the purpose of investigating comments numbered 1 through 10 submitted in a memorandum dated 27 November 1962 as prepared by [REDACTED]. A copy of the subject memorandum is attached and the following remarks are numbered to correspond with the numbered comments:

(1) There is no physical space for 17 2" lines along the wall where the GSA installed lines to enter the tank farm room. The lines between the tanks and the main retention and supply system are installed as 1" due to the restricted space. These lines will more than carry the 20 GPM's as specified.

(2) The piping has been elevated over the center corridor to 8'6" including the electrical conduit. The support system for the overhead piping was not hung from the ceiling because it was not feasible to anchor this support to the existing ceiling above which air conditioning ducts and other plumbing systems are contained. Breaking through this ceiling for anchoring the support would have been extremely hazardous.

(3) Only the center lines do not continue as similar materials as installed by GSA. All deionized water lines continue as PVC plastic tubing.

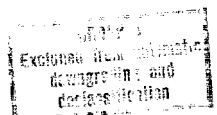
(4) The word waterproof was changed to water-resistant in the original contract when the sprinkling system for automatic washing of the tank farm area was cancelled. Covers have been ordered for the portable mix motors so that they will be water-resistant and at the same time have necessary ventilation for the potentiometers.

(5) The doors on the power panel were supplied by the manufacturer of this equipment and these complete units are housed in a rack or console of stainless steel fabricated by [REDACTED]

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(6) The hose connections for the sight glasses will be replaced by transparent plastic so that the upper and lower limits of the glass are not obscured.

(7) If a catwalk is installed over the pipe lines on or near the floor, it would be extremely difficult, if not impossible, to adequately clean the floor in this area. Braces will be installed at all corner points to prevent possible breakage of these pipes. The subcontractor has agreed to install a catwalk over these pipes if requested, however there would be rather limited space between the catwalk and the overhead support for the pipe system.

(8) Indexing marks will be attached to the calibration scales on the stock and replenisher tanks so that they can be properly aligned after cleaning.

(9) All mix tanks have individual drains installed.

(10) The room provided for the tank farm system is at least one third smaller than should have been provided for the amount of equipment installed in this area. The severe space limitations have made for an extremely difficult installation and have resulted in numerous modifications to the original plan. Comments regarding the general workmanship and easy cleanability of the area are ludicrous in lieu of the space limitations and restrictions.

2. On 17 December the [REDACTED] personnel assigned to the project are prepared to give a demonstration of the tank farm system. It is suggested that all interested parties of the Production Services Division be present at 0930 hours on 17 December to witness this demonstration and participate in the final inspection of the installation. The undersigned, as contract monitor, would like to go on record as stating that there has obviously been very little communication between the prime and subcontractors. The reasons for this lack of communication are extremely nebulous and have made for considerable difficulty in monitoring this contract.

[REDACTED]
Development Branch, P&DS

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